

Samuel Olubukun

Full Stack AI/ML Engineer

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EDUCATION

Bingham University (4.72/5.00)

Bachelor of Science, Major in Computer Science.

Karu, Nasarawa State, NIG

2021 – 2025

EXPERIENCE

Full Stack AI/ML Engineer	Apr 2025 – Present
<i>The Nnitiwe Hub</i>	<i>Abuja, NIG</i>
• Engineered code-based solutions while collaborating with team members to solve complex technical problems.	
• Implemented technical solutions and AI workflows through hands-on research, documentation, and digital innovation.	
Junior ML Engineer	Feb 2025 – Aug 2025
<i>OMDENA</i>	<i>Remote</i>
• Contributed as a Junior ML Engineer in the HOTOSM: 3D Imagery Analysis & Segmentation AI Innovation Challenge	
Quality Assurance Tester	Aug 2024 – Dec 2024
<i>AfricanStreams</i>	<i>Remote</i>
• Executed full-stack quality assurance (QA) for the Africanstreams platform, covering admin and client interfaces, and led defect management to enhance performance and reliability.	
Information Technology Support Specialist	Apr 2024 – Sept 2024
<i>Digital Bridge Institute</i>	<i>Abuja, NIG</i>
• Provided technical support and troubleshooting services for hardware, software, and networking issues.	
• Earned CCNA certification while developing proficiency in data analytics, visualization, and statistical analysis.	

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, PHP, Java, SQL, HTML/CSS.

Frameworks: React, Next.js, Node.js, Express.js, FastAPI, Flask, Django, Tailwind CSS, Bootstrap.

AI & Data Science: Generative AI (LLMs), Deep Learning, Predictive Modeling, NLP, Computer Vision, Prompt Engineering, Gemini, OpenAI, LangChain, TensorFlow, PyTorch, Scikit-learn, Hugging Face.

Libraries: Git, GitHub, Docker, Google Cloud Platform (GCP), MongoDB, PostgreSQL, MySQL, VS Code, Jupyter Notebook.

Certifications

- DataCamp AI Engineer for Developers (2026)
- DataCamp Data Engineer Associate (2026)
- Oracle Cloud Infrastructure Generative AI Professional (2025)
- Oracle Cloud Infrastructure Generative AI Professional (2025)
- WorldQuant University Applied AI & Data Science Labs (2025)
- DataCamp AI Engineer for Data Scientists Associate (2026)
- Oracle Cloud Infrastructure Data Science Professional (2025)
- Oracle Cloud Infrastructure AI Foundations Associate (2025)
- freeCodeCamp Machine Learning & Data Analysis (2024)

PROJECTS

Restoir Health <i>Next.js, React, TailwindCSS, Gemini Vision, Convex, Stack Auth, Node.js</i>	Nov 2025 – Present
• Built an AI platform using Next.js to detect and analyze acne, eczema and various skin conditions.	
• Integrated dermatology-grade AI analysis with personalized skincare routines and specific product recommendations.	
Mentora <i>Python, FastAPI, LiveKit, Deepgram, OpenAI, Prisma, TailwindCSS</i>	Oct 2025 – Present
• Developed an AI voice coach using FastAPI and LiveKit for high-stakes communication training.	
• Integrated Deepgram and OpenAI to provide real-time voice interaction and deep performance analytics.	
Socially <i>Next.js, Clerk Auth, Prisma, PostgreSQL, UploadThing, TailwindCSS, ShadcnUI</i>	Mar 2025 – Apr 2025
• Built a full-stack social media app with real-time features like posts, likes, comments, and notifications.	
• Enhanced user experience with seamless media uploads, modern UI styling, and optimized interactions.	
Vocal Vista <i>Next.js, TypeScript, Deepgram, Google Gemini, Convex</i>	Sep 2025 – Nov 2025
• Developed an AI voice coach using Gemini and Convex for real-time feedback and synchronized coaching modes.	

CareerProfile Gem <i>Wasp, React, TypeScript, Prisma, Google Gemini</i>	Sep 2025 – Oct 2025
<ul style="list-style-type: none">Built an AI assistant using Wasp and Gemini to generate professional resumes and cover letters.Supports AI generation, manual editing, and PDF import with Stripe-integrated credit management.	
Meerahzz Bridals <i>PHP, HTML, CSS, JavaScript, MySQL, Paystack</i>	Aug 2024 – Dec 2024
<ul style="list-style-type: none">Developed an elegant bridal eCommerce platform using PHP, featuring categorized listings, real-time cart updates, and integrated Paystack payment processing.	
Ecommerce Platform <i>MongoDB, Express.js, React.js, Node.js, Braintree</i>	July 2024 – Sep 2024
<ul style="list-style-type: none">Developed a deployable MERN e-commerce platform featuring product management, user authentication, and secure payment processing integrated with Braintree for seamless customer transactions.	
Rag Document Chatbot <i>Python, Streamlit, LangChain, Cohere LLM, FAISS, HuggingFace</i>	Dec 2024 – Jan 2025
<ul style="list-style-type: none">Developed a RAG-based document Q&A system using LangChain, FAISS, and Cohere to extract text and provide efficient automated answers.	